

What is claimed is:

- suba!
1. An electro-optical device which comprises a pixel comprising:
- a first TFT;
 - a second TFT which comprises a gate that is electrically connected to the first TFT; and
 - an EL element electrically connected to the second TFT,
- wherein the first TFT comprises an active layer in which 2 or greater number of channel forming regions connected in series are formed.
2. An electro-optical device which comprises a pixel comprising:
- a first TFT;
 - a second TFT which comprises a gate that is electrically connected to the first TFT; and
 - an EL element electrically connected to the second TFT,
- wherein the first TFT comprises an active layer in which 2 or greater number of channel forming regions connected in series are formed, and
- a channel width of the second TFT is greater than a channel width of the first TFT.
3. An electro-optical device which comprises a pixel comprising:
- a first TFT;
 - a second TFT which comprises a gate that is electrically connected to the first TFT; and
 - an EL element electrically connected to the second TFT,

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wherein at least the first TFT comprises an active layer in which 2 or greater number of channel forming regions connected in series are formed, and

an equation of $W2/L2 \geq 5 \times W1/L1$ establishes where a channel length of the second TFT is $L2$, a channel width of the second TFT is $W2$, a channel length of the first TFT is $L1$ and a channel width of the first TFT is $W1$.

4. An electro-optical device according to claim 3 wherein the channel length of the second TFT ($L2$) is 0.1 to 50 μm , the channel width of the second TFT ($W2$) is 0.5 to 30 μm , the channel length of the first TFT ($L1$) is 0.2 to 18 μm and the channel width of the first TFT ($W1$) is 0.1 to 5 μm .

5. An electro-optical device according to claim 1; wherein the first TFT is a switching TFT and the second TFT is a current control TFT.

6. An electro-optical device according to claim 2, wherein the first TFT is a switching TFT and the second TFT is a current control TFT.

7. An electro-optical device according to claim 3, wherein the first TFT is a switching TFT and the second TFT is a current control TFT.

8. An electro-optical device according to claim 1 wherein a LDD region of the first TFT is formed so as not to overlap a gate electrode of the first TFT by interposing a gate insulating film therebetween, and a portion or all of a LDD region of the second TFT is formed so as to overlap a gate electrode of the second TFT.

9. An electro-optical device according to claim 2 wherein a LDD region of the first TFT is formed so as not to overlap a gate electrode of the first TFT by interposing a gate insulating film therebetween, and a portion or all of a LDD region of the second TFT is formed so as to overlap a gate electrode of the second

TFT.

10. An electro-optical device according to claim 3 wherein a portion or all of a LDD region of the first TFT is formed so as not to overlap a gate electrode of the first TFT by interposing a gate insulating film therebetween, and a LDD region of the second TFT is formed so as to overlap a gate electrode of the second TFT.

11. An electronic device which comprises an electro-optical device of claim 1.

12. An electronic device which comprises an electro-optical device of claim 2.

13. An electronic device which comprises an electro-optical device of claim 3.

14. An electronic device selected from a group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, a personal computer, a mobile computer, a portable telephone, an electronic book, an image playback device using a recording medium, which comprises an electro-optical device according to claim 1.

15. An electronic device selected from a group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, a personal computer, a mobile computer, a portable telephone, an electronic book, an image playback device using a recording medium, which comprises an electro-optical device according to claim 2.

16. An electronic device selected from a group consisting of a video camera, a digital camera, a goggle type display, a car navigation system, a personal

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